

Roch.

Work Order ID 161450

161450

Page 1

Tuesday, May 16, 2017 11:04:41 AM

Item ID: 644.4116

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Bracket (Small) Fwd

Start Date: 5/23/2017 Start Qty: 12.00

12

Cust Item ID:

Required Date: 6/2/2017 Req'd Qty: 12.00

12

Customer:

Reference: SCHEDULED/C

Approvals:

Process Plan:

Date: MAY 16 2017

Tooling:

Date:

Run Start *NR1*

QC:

Date:

SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr	Revision Nbr
644.4100	F2

100

0.06

100

FLOW WATER JET

Waterjet

Memo

0.24

FLOW CNC Waterjet

1-Cut as per Dwg D

Dwg Rev: F2

Prog Rev: F2

2-Deburr if necessary

(12)

06/17/05/11.0

110

QC2- Inspect parts off machine FAI/FAIB

0.00

110

QC

Memo

0.12

Quality Control

(12)

06/17/05/11.0

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QS1042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ OTHER : ☐			
Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐				Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	
Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐					

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Customer:

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Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start

NR1

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	QC8- Inspect parts - second check	0.00							DAS 38 9-89
120						12			
QC	Memo	0.24							
Quality Control									MAY 17 2017
130		0.00							
130						12			
Small Fab	Memo	0.24							
Small Fab	C'SINK HOLES AS PER DWG								17/05/17 DAS 38 9-89
140	Form as per dwg	0.20							
140	NC BRAKE								
Brake NC	Memo	0.24							
Brake NC	Using DT10297								DAS 30 9-89 12 MAY 18 2017

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

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OTHER : ☐					

* Tuesday, May 16, 2017 11:04:41 AM

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9-89
JUL 10 201

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Page 5

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Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

210

Identify as per dwg & Stock Location: CCP/31

0.00

210

Packaging

Memo

0.24

Packaging

12 JUL 11 2017

6
DAS
8-88

220

QC21- Final Inspection - Work Order Release

0.00

220

QC

Memo

1.20

Quality Control

17/7/12

W1707.11

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Tuesday, May 16, 2017 11:04:41 AM

161450

644 4116

Required Qty: 12.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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M2024T3S0 160

2

02/17/05/16

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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OTHER : ☐					

1 2 3 4 5 6 7 8

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644.4116
BRACKET (SMALL), FWD

644.4100
PIVOT STEP ASSY

NO. 16145000
MAY 16 2017

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER

The drawing includes the following views and dimensions:

- Front View (Left):** Shows a bracket with a total height of 6.17. The top section has a width of 1.31 and a height of 2.44. The bottom section has a width of 2.81 and a height of 3.73. A 45.0° angle is indicated on the top left. A .75 TYP dimension is shown on the right side. A .171 6 PL hole is located in the center. A .80 TYP dimension is shown for the hole diameter. A 1.05 TYP dimension is shown for the hole spacing. A .30 6 PL hole is located at the bottom. A .80 TYP dimension is shown for the hole diameter.
- Top View (Right):** Shows a bracket with a total width of 3.50 and a height of 2.52. A 60.0° angle is indicated on the top left. A .60 TYP dimension is shown for the hole diameter. A .30 TYP dimension is shown for the hole spacing. A R.11 TYP dimension is shown for the hole radius. A .16 TYP dimension is shown for the hole spacing.
- Side View (Bottom Right):** Shows a bracket with a total height of 3.80 and a width of 2.81. A R.44 dimension is shown for the hole radius. A R.60 dimension is shown for the hole radius.
- Isometric View (Top Right):** Shows a 3D perspective of the bracket.

ORIGINAL DATE (MM-DD-YY) 05-01-03 DRAWN BY "CHECKED" LJOSEPH DRAWING APPROVED LJOSEPH 06-29-03 CONTRACT NO.	APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-0312 (760)724-5300 PIVOT STEP ASSY
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 3 PLACE DECIMALS: ±.03 2 PLACE DECIMALS: ±.01 ANGLES ± .5°	SRT CAGE CODE DWG. NO. 644.1100 REV. F SCALE NONE SHEET 8 OF 16



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO36435

Purchase Order Date 5/25/2017

PO Print Date 5/31/2017

Page Number 3 of 7

Order From :

A.T.G. INDUSTRIES INC.
731 INDUSTRIELLE ROAD
ROCKLAND, ON K4K 1T2
CANADA

VC-ATG001

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

613-446-4544

Ship To Contact

Ship To Phone

Ship Via:

VENDOR'S TRUCK

Ship Acct:

Buyer

Customer POID

Customer Tax #

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

CAD

FCA -- (Free Carrier)

Line Total:

\$54.00

6 161457 644.4115 BRACKET 6/14/2017 12.00 \$6.30 \$75.60
REV. F2
Yes
6/14/2017

AS PER MPP-172 SECTION 2.1,
HARD ANODIZE COLOR BLACK, PER IAW MIL-A-8625 TYPE 3 CLASS 2

Line Total:

\$75.60

7 161450 644.4116 BRACKET 6/14/2017 12.00 \$6.30 \$75.60
REV. F2
Yes
6/14/2017

AS PER MPP-172 SECTION 2.1,
HARD ANODIZE COLOR BLACK, PER IAW MIL-A-8625 TYPE 3 CLASS 2

Line Total:

\$75.60

161451 644.4117 BRACKET 6/14/2017 12.00 \$7.05 \$84.60
REV. F2
Yes
6/14/2017

PER MPP-172 SECTION 2.1,
D ANODIZE COLOR BLACK, PER IAW MIL-A-8625 TYPE 3 CLASS 2

ons: PRIMER IS SUPPLIED BY DART

ote:

5/31/2017



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 913380

Date: 08-Jun-17

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Chantal Lavoie
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		OUR TRUCK	
Quantity	Description		
ea	Bracket Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils). Job: 21127	PO: PO36435	Line: 15
1 ea	Part: ADMINISTRATION FEE Administrative Fee Job: 21129	PO: PO36435	Rev: N/A Line: 17-18
12 ea	Part: 644.4111 Bracket Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils). Job: 21114	PO: PO36435	Rev: F2 Line: 2
24 ea	Part: 644.4112 Spacer Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils). Job: 21115	PO: PO36435	Rev: F2 Line: 3
24 ea	Part: 644.4113 Spacer Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils). Job: 21116	PO: PO36435	Rev: F2 Line: 4
12 ea	Part: 644.4114 Washer Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils). Job: 21117	PO: PO36435	Rev: F2 Line: 5
12 ea	Part: 644.4115 Bracket Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils). Job: 21118	PO: PO36435	Rev: F2 Line: 6
12	Part: 644.4116 ✓		Rev: F2

Made in Canada.

SP17-6-8
DAS
38
9-89



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 913380

Date: 08-Jun-17

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Chantal Lavoie
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		OUR TRUCK	
Quantity	Description		
1 ea	Bracket Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils). Job: 21119 PO: PO36435 Line: 7	SP17-6-8	
12 ea	Part: 644.4117 Rev: F2 Bracket Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils). Job: 21120 PO: PO36435 Line: 8		
24 ea	Part: 644.4119 Rev: F2 Spacer Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils). Job: 21121 PO: PO36435 Line: 9		
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: <u>03/06/2017</u> Certified Signature: <u>[Signature]</u> Receiver Signature: _____ A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt. Made in Canada.			



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO36929

Purchase Order Date 7/5/2017

PO Print Date 7/5/2017

Page Number 3 of 4

Order From :

ATELIER DEBOSELAGE
358 PRINCIPALE
CALUMET, QC J0V 1B0
CA

VC-ATE001

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 819 242 5633

Ship To Contact

Ship To Phone

Ship Via:

Dart Truck

Ship Acct:

161450

644.4116 Bracket (Small)
Fwd

7/7/2017

Yes

7/7/2017

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

12.00

\$0.00

\$0.00

SPT-7-10

Line Total:

\$0.00

8 161451

644.4117 Bracket, Fwd
Pivot

7/7/2017

Yes

7/7/2017

12.00

\$0.00

\$0.00

Line Total:

\$0.00

9 161404

644.4119 Spacer, Fwd
Stop

7/7/2017

Yes

7/7/2017

24.00

\$0.00

\$0.00

Line Total:

\$0.00

DAS
38
9-89

PO Instructions: PRIMER DESOTO AND PPG DFLFLEET PAINT SUPPLY BY DART

Note:

7/5/2017